

Patent  
Docket No: 54010US009

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Kurt J. HALVERSON, Sanjay L. PATIL, and  
Jerald K. RASMUSSEN

Group Art Unit:

Divisional Application of Serial No. 09/287,379

Filed: April 7, 1999

Examiner: To Be Assigned

Serial No.: To Be Assigned

Filed: Herewith

For: HIGH DENSITY MINIATURIZED ARRAYS AND METHODS OF  
MANUFACTURING SAME



**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 CFR § 1.56 and § 1.97-98, copies of the documents listed on the attached form PTO-1449 are enclosed for consideration by the Examiner.

Pursuant to 37 CFR § 1.56 and § 1.97-98, enclosed are copies of Form PTO-1449 listing references cited by the Applicants and Office, submitted in prior parent application No. 09/287,379. Copies of the references previously provided for in prior parent application are not included as excused under 37 C.F.R. § 1.98(d).

Applicant would like to bring the following cases, which may be related to the above-referenced case, to the Examiner's attention:

U.S. Serial No. 09/410,863, filed October 1, 1999, entitled "ARRAYS WITH MASK LAYERS AND METHODS OF MANUFACTURING SAME";

U.S. Serial No. 08/896,971, filed July 18, 1997, entitled "ELASTOMERIC LAMINATES AND COMPOSITES," which is a Continuation-In-Part application of U.S. Serial No. 08/785,117, filed January 21, 1997, entitled "ELASTOMERIC LAMINATE" now abandoned; and

Copies of the above-noted applications are enclosed for the Examiner's convenience.

Pursuant to the provisions of M.P.E.P. § 609, Applicants further request that a copy of the Form 1449, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Respectfully Submitted,

Date: January 28, 2002

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<b>INFORMATION DISCLOSURE STATEMENT</b>		<b>Atty. Docket No.: 54010US009</b>		<b>Serial No.:</b>		
		<b>Applicant(s): Kurt J. HALVERSON et al.</b>				
		<b>Filing Date: Herewith</b>			<b>Group:</b>	
<b>U.S. PATENT DOCUMENTS</b>						
<b>Examiner Initial</b>	<b>Document Number</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>SubClass</b>	<b>Filing Date If Appropriate</b>
	3,949,117	04/06/76	Jvirblis et al.	427	22	1/23/74
	4,304,705	12/08/81	Heilmann et al.	260	30.4 N	1/2/80
	4,451,619	05/29/84	Heilmann et al.	525	379	9/30/82
	4,485,236	11/27/84	Rasmussen et al.	544	69	9/27/82
	4,923,901	05/08/90	Koester et al.	521	53	9/4/87
	5,143,854	09/01/92	Pirrung et al.	436	518	3/7/90
	5,148,196	09/15/92	Spector	354	75	6/6/91
	5,149,806	09/22/92	Moren et al.	544	72	3/28/90
	5,165,965	11/24/92	Martin	427	256	12/28/90
	5,200,471	04/06/93	Coleman et al.	525	326.9	11/5/90
	5,202,231	04/13/93	Drmanac et al.	435	6	6/18/91
	5,204,219	04/20/93	Van Ooij et al.	430	272	1/21/92
	5,217,492	06/08/93	Guire et al.	623	11	4/3/91
	5,258,041	11/02/93	Guire et al.	623	66	3/19/91
	5,262,484	11/16/93	Coleman et al.	525	204	9/9/92
	5,314,749	05/24/94	Shah	428	349	3/19/93
	5,344,701	09/06/94	Gagnon et al.	428	304.4	6/9/92
	5,403,902	04/04/95	Heilmann et al.	526	260	1/18/94
	5,429,807	07/04/95	Matson et al.	422	131	10/28/93
	5,429,856	07/04/95	Krueger et al.	604	370	4/8/94
	5,436,147	07/25/95	Pegg et al.	435	181	6/16/93
	5,445,934	08/29/95	Fodor et al.	435	6	9/30/92
	5,464,900	11/07/95	Stofko, Jr. et al.	524	838	10/19/93
	5,474,796	12/12/95	Brennan	427	2.13	5/27/93
	5,500,251	03/19/96	Burgoyne, Jr. et al.	427	322	6/17/94
	5,501,679	03/26/96	Krueger et al.	604	393	3/30/90
	5,525,464	06/11/96	Drmanac et al.	435	6	2/28/94
	5,552,270	09/03/96	Khrapko et al.	435	6	3/18/92
	5,554,501	09/10/96	Coassin et al.	435	6	10/29/93
	5,562,958	10/08/96	Walton et al.	428	34.9	4/28/93
	5,583,211	12/10/96	Coassin et al.	536	23.1	11/22/94
	5,601,980	02/11/97	Gordon et al.	435	6	9/23/94
	5,602,202	02/11/97	Groves	525	73	6/22/95
	5,620,780	04/15/97	Krueger et al.	428	179	4/24/95

30879 U.S. PTO  
10/060799  
01/20/92

# **U.S. PATENT DOCUMENTS – cont.**

Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
	5,620,803	04/15/97	Oyama et al.	428	516	9/22/95
	5,639,546	06/17/97	Bilkadi	428	331	9/3/91
	5,658,625	08/19/97	Bradfute et al.	428	34.9	5/25/94
	5,658,802	08/19/97	Hayes et al.	436	518	9/7/95
	5,691,034	11/25/97	Krueger et al.	428	152	5/16/95
	5,695,940	12/09/97	Drmanac et al.	435	6	6/5/95
	5,744,305	04/28/98	Fodor et al.	435	6	6/6/95
	5,750,245	05/12/98	Exsted et al.	428	315.5	1/28/94
	5,757,458	05/26/98	Miller et al.	351	162	9/30/96
	5,770,721	06/23/98	Ershov et al.	536	25.3	8/5/94
	5,773,374	06/30/98	Wood et al.	442	328	3/20/97
	5,800,903	09/01/98	Wood et al.	428	152	5/21/96
	5,840,412	11/24/98	Wood et al.	428	284	5/21/96
	5,858,653	01/12/99	Duran et al.	435	6	9/30/97
	6,063,484	05/16/00	Exsted et al.	428	315.5	12/23/97
	6,070,579	06/06/00	Bryant et al.	128	207.11	03/08/96

## **FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	SubClass	Translation	
						Yes	No
	WO 94/16803	08/04/94	WIPO				
	WO 95/04834	02/16/95	WIPO				
	WO 95/11912	05/04/95	WIPO				
	WO 97/27329	07/31/97	WIPO				
	WO 97/43447	11/20/97	WIPO				
	WO 97/44134	11/27/97	WIPO				

## **OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**

		Article: O'Donnell-Maloney et al., "Microfabrication and Array Technologies for DNA Sequencing and Diagnostics," <u>Genetic Analysis: Biomolecular Engineering</u> , Vol. 13 (1996) pp. 151-157
		Article: Guo et al., "Direct Fluorescence Analysis of Genetic polymorphisms by Hybridization with Oligonucleotide Arrays on Glass Supports," <u>Nucleic Acids Research</u> , Vol. 22, No. 24 (1994) pp.5456-5465.
		Article: O'Donnell-Maloney et al., "The Development of Microfabricated Arrays for DNA Sequencing and Analysis," <u>Tibtech</u> , Vol. 14 (October, 1996) pp. 401-407.
		Product Information: "Cryovac® D-955 Film," Cryovac Division, W.R. Grace & Co., (date unknown) two pages.

**EXAMINER**

**Date Considered**

**\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.**